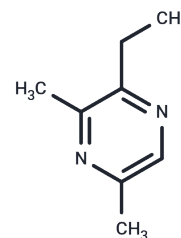


2-Ethyl-3,5-dimethylpyrazine

Chemical Properties

CAS No. :	13925-07-0
Formula:	C ₈ H ₁₂ N ₂
Molecular Weight:	136.19
Storage:	Store at 4°C Actual storage temperature shall be subject to the COA.



Biological Description

Description	2-Ethyl-3,5-dimethylpyrazine is a pyrazine derivative that can be used in biochemical experiments and drug synthesis research.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.3427 mL	36.7134 mL	73.4268 mL
5 mM	1.4685 mL	7.3427 mL	14.6854 mL
10 mM	0.7343 mL	3.6713 mL	7.3427 mL
50 mM	0.1469 mL	0.7343 mL	1.4685 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Zhang H, et al. The Biosynthesis Mechanism Involving 2,3-Pentanedione and Aminoacetone Describes the Production of 2-Ethyl-3,5-dimethylpyrazine and 2-Ethyl-3,6-dimethylpyrazine by *Bacillus subtilis*. *J Agric Food Chem.* 2020 Mar 18;68(11):3558-3567.

Li YY, et al. Electrophysiological and Alarm Responses of *Solenopsis invicta* Buren (Hymenoptera: Formicidae) to 2-Ethyl-3,5-dimethylpyrazine (Short Title: EAG and Behavioral Responses of Fire Ants to Pyrazine). *Insects.* 2019 Dec 13;10(12):451.

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